



# METHOD OF IMPROVING INCENTIVE SPIROMERTY DEVICES BY THE EMPLOYMENT OF VERBAL SIMULATED HUMANLIKE VOICES TO ENCOURAGE USAGE

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## ABSTRACT OF THE DISCLOSURE

The present invention relates to an apparatus used in the medical industry, in order to increase transpulmonary pressure and respiratory volumes, improve inspiratory muscle performance and re-establish the normal pulmonary hyperinflation, through the employment of electronic technology, providing audible, simulated, verbal, human sounding words, that assist, guide and prompt, increasing patient usage. In the past, lack of usage of this simple plastic, antiquated, disposable unit, by the patient, has contributed to severe problems, such as pneumonia. Without prompting, the patient, finds it hard to inhale into a tube repetitively, to improve their lungs. Previous applications of prior equipment has been poor, thus adding intelligence in the form of electronic technology, which prompts without assistance, is a tremendous advantage in helping not only the sighted, but also the blind as well, since normally only written information accompanies the incentive spirometer, thus, changing the use of this medical device as we know it today.